

1. (Cancelled)

2. (Presently Amended) A method for controlling a brake motor, the method comprising:

receiving brake motor information;

determining a first brake motor voltage value and a brake motor current value based on the motor information when the brake motor is active;

determining a brake motor resistance value based on the first brake motor voltage value and the brake motor current value;

determining a brake motor temperature value based on the determined brake motor resistance value;

producing a brake motor control signal based on the determined brake motor temperature value ~~The method of claim 1, further comprising:~~

determining a second brake motor voltage value when the brake motor is inactive; and

producing a motor diagnostic voltage value based on the determined second brake motor voltage value.

3. (Cancelled)

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